



Award Winners from  
Left to Right: Robert  
Zimmerman, Kate  
Ellison, Dr. George  
Gricius, Serena  
Bellew, Al Balliett  
and Lloyd Mullins

## Environmental Excellence Awards Presented

Article by **PR/Awards Subcommittee**

In March 2006, at its third annual awards presentation, the US Army Reserve Environmental Program recognized those in its community who do exceptional work in the environmental field. Four individuals and one RRC/Installation received awards for their outstanding performance and achievement.



The PRReserver Newsletter is a functional bulletin authorized under the provisions of AR 360-1 for members of the United States Army Reserve Command (USARC). It is published quarterly by the USAR Environmental Division to provide the Total USAR Environmental Community with information on people, policies, operations, technical developments, trends and ideas of and about the Environmental Division of the US Army Reserve. This publication has a circulation of 500 printed copies and an internet access point.

Manuscripts of interest to US Army personnel are invited. Direct communication is authorized to

IMA, Army Reserve Environmental Branch  
2511 Jefferson Davis Highway  
Arlington, VA 22202-3926

Chief US Army Reserve -  
LTG James R. Helmly  
IMA-ARO Environmental Chief -  
Dr. George Gricius  
Director, Public Affairs, US Army Reserve -  
COL Burt Masters  
PRReserver Editor - Ms. Kathy Hayes

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### P2 Award - Mr. Lloyd Mullins

Mr. Lloyd Mullins won the IMA-ARO Individual Environmental Excellence Award in the Pollution Prevention (P2) category. He is the P2 Manager for four individual installations/facilities (Camp Parks, BT Collins, Moffett Family Housing & Fort Hunter-Liggett) comprising the West Coast Garrison. He has consolidated programs at the individual sites into one comprehensive program. Mr. Mullins has rewritten the Qualified Recycling Plan (QRP) at these sites and has begun a dialogue with Logistics to ensure that the garrison meets Affirmative Procurement requirements. He has standardized construction/demolition debris disposal to include reuse and recycling of construction materials. He ensured that language in every contract would include the requirement to duplex-print reports on 30% recycled content paper. He has taken an active role in

planning, promoting, and executing Earth Day activities. Mr. Mullins worked with Training to ensure that the troops in the field are aware of the P2 program and that appropriate containers are available for recyclable refuse recovery. He has worked closely with the Food Service department to minimize disposing of unused MRE heaters. He is responsible for implementing the QRP and for the sale of recyclables to local vendors. His program is currently recycling cardboard, plastic, glass, office paper, scrap-metal, and is in the process of capturing the expended brass waste stream. Potential proceeds from the sale of brass may exceed \$50K in 2006.



*Awards continues on page 2*

## Awards, *cont.*

### *Natural and Cultural Resources Award - Ms. Kate Ellison*



Ms. Kate Ellison of the 89th RRC received the IMA-ARO Individual Environmental Excellence Award in the Natural and Cultural Resources category. She has completed an Integrated Cultural Resources Management Plan for the Atchison Caves and many acquisitions and projects in the four-state area in coordination

with State Historical Preservation Offices (SHPO) and Native American Tribes. She prepared a historic context study for the former Weldon Spring Ordnance Works and worked on demolition at the St Louis Ordnance Plant. Ms. Ellison prepared Phase I Archeological projects at Belton LTA and coordinated with the Kansas SHPO on an Integrated Cultural Resources Management Plan for the Atchison Strategic Storage Site. She authored a Programmatic Agreement for maintenance and repair activities on the historic Jefferson Barracks.

### *Installation/RRC Environmental Excellence Award - Fort McCoy*



McCoy (FMC) won the Installation / RRC Environmental Excellence Award. The installation encompasses 59,746 acres, over 1,400 buildings and trains over 120,000 soldiers annually. Since many of these activities impact the local and global environment, FMC has numerous programs in place to reduce these impacts, re-

store sites of previous environmental concern, and maintain overall environmental compliance. Lack of adequate environmental funding was a major program impediment, which FMC was able to partially overcome in FY05. FMC applied over \$400K received through ACSIM for the demolition landfill closure/coal yard cleanup project and saved over \$200K by combining remediation of the former coal yard with closure of the demolition landfill. The installation collected \$164,214 in permit fees during FY05 and applied this amount to the natural resource program. A total of \$18K for prescribed burning and \$12K for timber stand improvement to assist in these habitat management projects was provided by the Wisconsin Department of Natural Resources Turkey Stamp Fund and the National Wild Turkey Federation. The total timber value harvested and applied to the forestry program on FMC during FY05 was \$444,120.

### *Environmental Quality Award - Mr. Robert Zimmerman*



Robert Zimmerman, with the 63rd RRC, won the IMA-ARO Individual Environmental Excellence award in the Environmental Quality category. Robert has been instrumental in ensuring that the 63rd RRC's

EMS program is the front-runner in the Army Reserve Command. Robert's knowledge of software programs and web hosting has made him a valuable asset to the EMS program at the 63rd RRC and USARC. Robert continues to work with IMA-ARO and USARC G2/6 to standardize EMS programs for the command. Robert worked with the G4 staff and AMSA shop supervisors to develop and identify environmental aspects and impacts. He has developed EMS training for Commanders Conferences and trained 250 Unit Commanders. He also trained 140 senior leaders at the Seniors Leaders Conference. Robert's efforts in EMS have resulted in his earning an award from his company and commanders coins from the 63rd RRC Commanding General and the Chief of Staff. Robert's knowledge and commitment have allowed all RRCs to achieve all the targets and goals of EMS.

### *Environmental Chiefs' Customer Support Award - Ms. Serena Bellew*



Ms. Serena Bellew won the IMA-ARO Office (IMA-ARO) Environmental Chiefs' Customer Support Award for her Cultural Resource support. She is willing to come to any size facility, regardless of location,

in order to assist the field with cultural resources issues and to visit with state regulators. She is also available by email or phone to answer questions, for reviewing documents, and to review letters. In her limited tenure, the field has come to appreciate her assistance, knowledge, guidance, and common sense approach. Her professionalism, personality, and expertise have gone far in helping establish a good rapport and spirit of cooperation with the regulating agencies. She also helps to validate the government position in actions involving historic preservation.



## IMA-ARO

Article by  
**Ms. Sara Jackson,**  
**IMA-ARO**

I sit nervously on the worn, Rubik's cube-patterned rug at the front of the classroom, anxiously awaiting the arrival of a group of second graders who should be returning from recess any minute now. What was I thinking? I'm not a teacher... these kids are going to tear me apart. Keeping my own two girls under control is tricky enough—how am I going to handle a whole clan of the four-foot monsters? Quick, grab your stuff and run! It's not too late to save yourself!! But before I can escape, the door bursts open and in pours eighteen giggling, chattering children, freshly pumped full of adrenaline from a half hour on the playground. So this is the way it's going to end...

Or not.

The kids quickly took their seats and greeted me with a coordinated but slightly staggered, "Hello Miss Sara." The floor was mine now. I cleared my throat and jumped right in. The kids listened intently as I went through a brief history of the environmental movement and the creation of the first "Earth Day." We had surprisingly in-depth discussions about how important it is to protect our planet's resources and what they can do at home and in their community to help out. We also spent some time talking about some of the ways that the Army Reserve is working to protect the environment. The kids were great listeners and they did a terrific job of asking questions



A student works on the recycling activity.



Ms. Sara Jackson of the IMA-ARO participates with local students on Earth Day.

and relating the things they were learning to their own experiences.

But a kid can only handle so much talking... it was time to break out the fun stuff. I split the classroom into two groups which rotated between activities. One group worked on solving a "who-dun-it" environmental mystery by completing puzzles and solving clues in their own environmental workbooks. The other group participated in a recycling activity in which they learned about recycling and then sorted through a pile of "trash" to figure out what is recyclable. After the activities, the class reunited to vote on a species to adopt at the local zoo. The red wolf beat out other Florida natives such as the bald eagle, otter, alligator, and bobcat. The class received an official adoption certificate from the Brevard Zoo, along with a subscription to Zoobooks magazine. We also read a few books—*The Great Kapok Tree: A Tale of the Amazon Rain Forest*; *The Tree in the Ancient Forest*; and excerpts from *There's Still Time: The Success of the Endangered Species Act*.

Kids love to get freebies, so I ended the afternoon by handing out a variety of cool items including seed growing kits, t-shirts, ink pens made from recycled materials, and chocolate bars made from cacao plants grown on sustainable farms in South America (10% of proceeds to endangered species conservation).

Somehow the Earth Day presentation that I figured would last for about thirty to forty-five minutes turned into a two hour event. Everyone had a great time and hopefully the kids were able to take something from it. With any luck, a new generation of environmental scientists has been inspired.



## 89th RRC

Article by  
**Ms. Julie Coffman,**  
**89th RRC**

The 89th RRC Environmental Division hosted a "SPRING CLEANING" and EMS Earth Day at our Headquarters building in Wichita, Kansas on 20 April 2006.

We encouraged office personnel to clean out their offices and cubicles. CDs, old phone books, batteries, light bulbs, spent toner cartridges, and the non-endangered species "Dust Bunnies" were collected in the drill hall.



The Sedgwick County Recycling Center, here in Wichita, provided materials to hand out on their extensive programs for homeowners that include recycling items such as batteries, antifreeze, paint and petroleum products.

You can also pick up many of these items for free or at a low cost. Handouts, tri-fold information brochures and materials from the EPA and the 89th were also available along with the Reserve Earth Day materials.

In conjunction with this event Michael Herman showed the Reserve EMS Video and handed out certificates of training to the attendees. Meanwhile in another area of the drill hall Joe Hitt was busy introducing and explaining the 89th RRC Environmental Web Site. Barry McFarland was playing professor by explaining the history and restoration of the Weldon Spring



Ordnance Works while showing off our new nomadic display highlighting the Weldon Spring Training Area. (It will also be on display at the Army Environmental Symposium in St Louis in May)

As we all know Environmental Issues are not like the after "Thanks Giving Day Sale" at the mall, so Julie Coffman, who coordinated the event, convinced us to bait them with hot popcorn, and drawings for Earth Day toys.

At the end of the day, our Chief, Tex Titterington and Facility Management Officer, John A. Fenili were pleased with the turnout, interest and enthusiasm demonstrated by the staff and attendees alike.

Our Cultural Resource Specialist Kate Ellison is hosting her own Clean Up for Earth Day at her facility in Omaha NE. Facility Manager John Bryant and others will be out cleaning up the buildings and grounds of recyclable materials.

On a more somber note, we are working with the local chapter of the Reserve Officers Association to plant a pine tree, this spring, as part of a memorial that will be placed at the entrance to the 89th RRC Reserve Center in recognition of our fallen soldiers.



## 90th RRC

Article by  
**Mr. Brad Fischer**  
**90th RRC**

The 90th RRC environmental personnel visited area schools to speak with more than one hundred students on Earth Day - discussing ways they can help to protect the environment. Issues that were discussed were: ways to save energy, ways to recycle, and ways to prevent pollution. The students were also given environmentally-friendly items such as Slinkys, crayons, coloring books, note pads, tote bags, and frisbees.





## 9th RRC

Article by  
**Ms. Melanie Nelson,**  
**9th RRC**

As the Army joined the Nation in celebrating the extraordinary splendor and vitality of our home planet, the 9<sup>th</sup> Regional Readiness Command (9<sup>th</sup> RRC) renewed its commitment to our living earth by focusing on energy conservation. In an effort to build a safer, healthier, and cleaner world for all of us, the Pride of the Pacific challenged every member of the Army team – every Soldier and family member, every retiree and veteran, and every civilian employee and contractor to commit to meeting the current and future needs of Soldiers, their families, and the community by conserving energy; not only in the work place, but also in their homes.

BG John Ma, the 9<sup>th</sup> RRC Commander, publicized his dedication to sustaining the environment and securing the future by imposing the Energy Conservation Policy throughout the command. Measures such as new temperature controls and appliance limitations are employed to reduce energy consumption in the face of a crisis compounded by increasing energy demand, dwindling energy reserves, and rising costs.



The paper used in this display is 100% post-consumer material. The Hawaii Sustainability and Pollution Prevention Partnership is currently implementing this paper throughout Hawaii. Please check on the availability of 100% recycled paper in your area.

“E” man stood steadfast at the Earth Day display between 17-24 April 2006, pledging his allegiance to the Earth, the Environment, and Energy conservation at home and at the office. Using Energy Star appliances and washing clothes in cold water were just a few money-saving tips that “E” man had to share with patrons, along with Frisbees, EcoSpun bags, water bottles, earth balls, key chains, coloring books, and crayons. Earth Day festivities coincided with continued Environmental Management System implementation throughout the command and culminated with a pescetarian celebration.



## 77th RRC

Article by  
**Ms. Ingrid Weigand,**  
**77th RRC**

To celebrate Earth Day, the 77<sup>th</sup> Regional Readiness Command, distributed giveaways made from recycled materials, the 2006 Earth Day message, and information on energy and water saving strategies, preventing West Nile Virus, pollution prevention tips, non-toxic alternatives to household chemicals, and craft project and event “how-to”s (i.e. bird feeders and the grocery bag art project at schools).

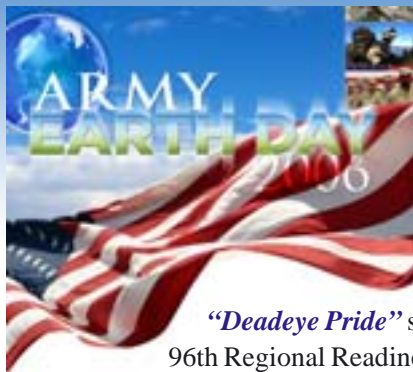
At the HQ, 77<sup>th</sup> RRC located at Ft. Totten, NY a table was set up in the main lobby for several days where people could obtain all the information and giveaways. The giveaways included coloring books, crayons, stress balls, wildflower seeds, stickers, bottle openers, Slinkys, tote bags, post-it notes, pencils, pens, Frisbees, and mugs. To reach a large audience, this display was coordinated with a drill weekend and a Battle Focus

Readiness Review briefing. This display was a great way to communicate with both in house personnel and visitors.

Giveaways were distributed to the SGT Joseph E. Muller US Army Reserve Center, Bronx, NY as well. The items will be distributed to all who attend the facility’s annual Family Day event. This facility has actively promoted Earth Day for several years and does an excellent job reaching out to their community.

Additionally, the USAEC 2006 Earth Day poster, the 2006 Earth Day message and the latest 77<sup>th</sup> Army Reserve Installation Management Newsletter were distributed to all the Reserve Centers in an effort to spread the message and goals to all those in the Command.





## 96th RRC

Article by  
**Ms. Christine Velasquez**  
96th RRC

*“Deadeye Pride”* shines through once again as the 96th Regional Readiness Command continues its role as good *“Stewards of the Environment”* celebrating Army Earth Day two years running. Based on last year’s success, the Annual Tree Planting Activity was expanded to two states within our six-state region, Colorado and North Dakota.

On Friday, 21 April, soldiers from the 244th EN BN and 56 fifth grade students from the John Amesse Elementary School participated together in a tree planting activity at the Joe P. Martinez Center in Denver, CO.

Carrying on in tradition, the activity began when students were met at the school by our soldiers and the local Community

Forester, Mr. Keith Wood who discussed with the students the importance of preserving the earth’s natural resources. Students were then escorted on foot through their community for the 0.5 mile walk to the facility by our soldiers.

Once arriving at the facility, both the soldiers and the students were taught the DOs and DO

NOTs of proper tree planting by the Community Forester.

Twelve Autumn Purple Ash trees and 10 Juniper shrubs were planted by the students and soldiers that day, followed by the traditional “yellow ribbon ceremony” honoring our soldiers in “harms way”.

On Monday, 24 April, soldiers from the 439th EN BN, followed suit and held their tree planting activity with 98 third grade students from the Rita Murphy Elementary School at the Lewis and Clark USARC in Bismarck, ND. Mr. Jackson Bird with the North Dakota Forest Service was available for tree planting guidance and even though the weather proved some-



what challenging and cold (38° F), the soldiers and students pressed on!

An additional 14 trees (Ornamental and Shade) were planted at the facility followed by the “yellow ribbon ceremony”.

Also carrying on with last year’s tradition, each of the activities included an MRE lunch with our soldiers along with a staged “static” equipment area for the students viewing.

The soldiers from the 244th EN BN left such a positive impact on the students that day that they have been invited back to the John Amesse Elementary School to share with them (in more detail) their experiences encountered in Iraq. In addition, the school has asked permission to visit the facility in three months to see how the trees are thriving and to share a picnic lunch!

In closing, there is something magical that occurs when our soldiers meet one-on-one with these students. I am always amazed by the pre-conceived notions held by our communities that the military is only about war fighting. The US Army Reserves is NOT just about war fighting....it is about PEACE KEEPING..... helping those in need (as witnessed during Katrina)....and it is about PRIDE, HONOR and SERVICE TO OUR COUNTRY.



# Sustainability and Army Reserve

Article by **Ms. Kellyann Few, IMA-ARO**

*"... sustainability requires that Army leaders foster a climate in which the Army community embraces the reality that the Earth's resources, while essential to military operation, are not inexhaustible."*

*-The Army Strategy for the Environment*

Sustainability is another way of defining all of our responsibility to maintaining awareness of how our practice, policies, and procedures are impacting the future quality of our land, water, and air.

## Setting Goals....

In 1990 the Pollution Prevention Act required us to evaluate our practices and find solutions to reduce the amount of generated hazardous substances. In EO 13148 Greening the government through leadership in environmental management, has lead us towards establishing Environmental Management System (EMS) as the way to examine overall management practices and systematically identify how our management practices are impacting the environment. Sustainability could be viewed as the approach that will bring the two concepts together, and strengthen the movement to bring all aspects of the Army to a higher level of involvement. These efforts will lessen the environmental impact of today in order to maintain the same level (or higher) access to the earth's resources.

Now that we have the ability to assess the impacts of Army Reserve activities through the use of EMS, we should begin to create Sustainability Goals. Any goal that is established should be based upon two concepts: 1) Maintaining resources to support soldier readiness and, 2) Reducing the Footprint of our current readiness activities.

Using the Army's Strategy for the Environment the Army Reserve has a starting point for establishing their 25 year Sustainability Goals. Summarizing the overarching goals, we have a framework for developing goals based upon the point of interests identified throughout our P2 and EMS programs. The Army's Strategy for the Environment established overarching goals for the Army Reserve to follow:

- 1) Foster Sustainability Ethics beyond Environmental Compliance
- 2) Strengthening Army Operations by reducing environment footprints
- 3) Meeting testing, training, and mission requirements while sustaining land, air, and water.
- 4) Minimizing impacted and total ownership cost for materials facilities, operations and systems.
- 5) Enhance Well-being
- 6) Drive Innovation.

Look for Awareness Outreach Resources at [www.sustainability.army.mil](http://www.sustainability.army.mil)

## Implementation...will be a step-by-step process....

### **Step 1. Environmental Champions translates importance of Sustainability to the Mission**

As Environmental Professionals we must be active champions for our particular areas of expertise. Along with all function areas the champions shall develop objectives based on Army's Sustainability goals and incorporate these into everyday practices. Every interaction with other functions within the Army Reserve should become an opportunity to educate and get that function area leaders to commitment to sustainment of our air, land, and water in support of future Army readiness activities. The environmental team must lead the way and show how Sustainable activities will translate into cost savings, enhanced ability to address compliance and conformance issues internally, and support long range readiness planning.

### **Step 2. Utilize EMS to develop a Strategy**

Evaluate EMS impacts/aspects and use these findings to develop specific goals based upon the overarching goals identified in the Army Strategy for the Environment. Once goals are identified, champions should take action and campaign for change, and identify who will take the responsibility to implement towards change.

### **Step 3. Revisit P2 Opportunity**

Begin today by referring back to Pollution Prevention concepts and make the decision to implement opportunities to reduce process-related impacts. P2 continues to be the foundation of Sustainability, and despite resource challenges, we must

*Article continues on page 8*

# Sustainability, *cont.*

refer back and refresh our memory of the concepts and benefits. Encourage reductions, reuse, and recycling, lowering of thermostat, combining mission task, use of energy reducing fluorescent bulbs, buying alternative products, and education at all levels.

## ***Step 4. Know the Mission and Develop Sustainability Integration Options***

Learn what it takes to become a Sustainable Army Reserve... Know the Mission and Readiness Requirements, and communicate with all functions to help them develop management systems that result in sustainable practices, procedures, and policies.

Implementation for the Army Reserve will be a step-by-step process. Requiring us to share more of what we do as environmental professionals with the Mission related teams that we support. As environmental professionals we have always understood, through P2 and EMS implementation, that we only have success when there is 1) the commitment and involvement of all members of an organization and 2) integration of environmental solutions into all practices, procedures, and policies.

The IMA-ARO and USAR Subcommittee has plans to lead the RRCs toward the development of applicable goals. To assist with the development of USAR's Sustainability Program, get involved in the EMS-Sustainability Study Group (Co-Leaders are Lidia Bonilla of the 65<sup>th</sup> RRC and Melanie Nelson of the 9<sup>th</sup> ARCOM) and sign up for awareness resources on AKO.

## ***Step 5. Gain Commitment from all Function Areas***

Request that all levels commit to implementing readiness activities that are sustainability. This effort will require environmental professionals to enhance communication, continuous campaigning at all levels, and continuously evaluate mission activities to develop innovative approaches to support mission related activities that are sustainable.

## ***Step 6. Monitor, Measure, and Share Success***

Monitoring and Measuring the Success... Tell the story of how the Army Reserve is preserving the Environment, training lands, and reconnecting to the land.

## California Sustainability and Pollution Prevention Partnership

Article by  
**Mr. Lloyd Mullins, West Coast Garrison**

The California Sustainability and Pollution Prevention Partnership, (CSP3), was organized in 2002. Camp Parks and Ft. Hunter-Liggett have been members since its inception. Its vision is to excel in joint innovative pollution prevention (P2) practices within the Department of Defense, (DoD), and the State of California EPA that will enhance environmental quality, sustainability and mission readiness. Our mission is to pro-

mote and implement P2 as an element of an integrated sustainability strategy for protecting the environment, conserving resources, fostering community well being, and enhancing mission readiness at DoD installations in California. The Partnership meets quarterly at a different base or installation each time. Camp Parks has had the privilege of hosting once. And though many P2 issues may be different to other installations, we find that many of our issues and problems are similar, such as storm water, recycling, and clean air. Through the Partnership we are able to identify opportunities, develop and evaluate solutions, and promote successes. Classes, workshops, and demonstrations may be available at any given time. For instance, Department of Toxic Substances Control (DTSC) is present at every meeting and gives a California legislative update concerning environmental issues. The next meeting will include a workshop in Affirmative/Green Procurement. With this partnership we are able to promote and exchange our ideas and technology, seek resources to implement those technologies, build and improve communications, and above all, to foster P2 as best management practices.



CSP3 members discuss California legislative updates pertaining to Environmental issues with Bill Ryan of DTSC.



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